

Listing of Claims:

1. (Currently Amended) A coupling-in device for light from a plurality of light sources into an optical waveguide (1) having a coupling-in area which is curved in a focusing fashion,

wherein

the coupling-in device has a plurality of focussing focusing optics (5) for the light from the various light sources (8).

2. (Currently Amended) The coupling-in device as claimed in claim 1,

wherein

a focussing focusing optic (5) is formed for each light source (8).

3. (Canceled)

4. (Currently Amended) The coupling-in device as claimed in claim 1,

wherein the geometry of the coupling-in area (3) and the arrangement of the focussing focusing optics (5) are co-ordinated with the respective light source (8) and the diameter of the optical waveguide (1).

5. (Withdrawn) The coupling-in device as claimed in claim [[3]] 1,

wherein the coupling-in area (3) and/or focussing optics (5) are arranged in circle- or sphere-segment-like fashion around the end of the optical waveguide (1).

6. (Currently Amended) The coupling-in device as claimed in claim 4,

wherein

the focussing optics (5) are spaced apart from the coupling-in area (3).

7. (Currently Amended) The coupling-in device as claimed in claim 4,

wherein

the ~~focussing~~ focusing optics (5) and the coupling-in area (3) are produced in one piece.

8. (Original) The coupling-in device as claimed in claim 1,

wherein

said coupling-in device is produced from transparent plastic in an injection moulding method.

9. (Currently Amended) The coupling-in device as claimed in claim 1,

wherein

LEDs arranged directly on the ~~focussing~~ focusing optics (5) are used as light sources (8).

10. (Currently Amended) The coupling-in device as claimed in claim 1,

wherein

the geometry of the coupling-in device and the arrangement of the light sources (8) are co-ordinated with one another in such a way as to minimize the losses occurring between emission of the light and entry into the actual optical waveguide (1).

11. (Previously Presented) The coupling-in device as claimed in claim 1, wherein the coupling-in device is provided with a stem.

12. (Previously Presented) The coupling-in device as claimed in claim 1, wherein the coupling-in area and/or focusing optics are arranged in circle-like fashion.

13. (Previously Presented) The coupling-in device as claimed in claim 1, wherein the coupling-in area and/or focusing optics are arranged around the end of the stem.

14. (Previously Presented) The coupling-in device as claimed in claim 1, wherein the diameter of the stem corresponds to the diameter of an optical waveguide which is attached to the stem.